



Attorney Docket No. 018760-016

Patent

018760-016

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Shinichi Takagi et al.

Application No.: 09/987,153

Filing Date: November 13, 2001

Title: SEMICONDUCTOR ELEMENT MODULE AND SEMICONDUCTOR DEVICE WHICH PREVENTS SHORT CIRCUITING

Group Art Unit: 2815

Examiner: SHEILA V CLARK

Confirmation No.: 6439

FOURTH  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a FOURTH Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☒ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL PC

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

By

James A. LaBarre

Registration No. 28,632

Date: November 9, 2005

**Buchanan Ingersoll PC**

ATTORNEYS

Including attorneys from Burns Doane Swecker & Mathis

(8/05)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

# Patent Application of

Shinichi Takagi et al.

**Application No.: 09/987,153**

Filed: November 13, 2001

For: SEMICONDUCTOR ELEMENT  
MODULE AND SEMICONDUCTOR  
DEVICE WHICH PREVENTS SHORT  
CIRCUITING

Group Art Unit: 2815

Examiner: SHEILA V CLARK

Confirmation No.: 6439

## FOURTH INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Sir:**

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The documents are being submitted after a first Office Action on the merits but prior to the closing of prosecution, therefore under 37 C.F.R. § 1.97(c), a statement is enclosed.

I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement.

The accompanying published Japanese patent applications were cited in an Office Action in the counterpart Japanese application. For the examiner's reference, a brief description of the both documents is enclosed.

It is noted that JP 4-69956 identified in the Office Action was cited in the previous Information Disclosure Statement filed July 6, 2004.

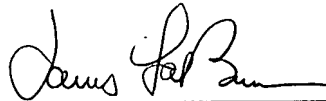
To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date November 9, 2005

By: \_\_\_\_\_

  
James A. LaBarre  
Registration No. 28,632

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

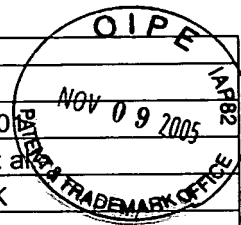
Complete if Known

# **FOURTH INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Application Number 09/987,153  
 Filing Date November 13, 2000  
 First Named Inventor Shinichi Takagi et al  
 Examiner Name SHEILA V CLARK  
 Attorney Docket Number 018760-016



## **U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	07-226474		Japan	08-22-1995			X			X	
	01-073950		Japan	05-18-1989			X				

## **NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.